COMPUTED BY:	WC Parker	DATE:	<u>_11-25-03</u>
CHECKED BY:		DATE:	

PROJECT NO.	SHEET NO.					
B-3694	3-A					

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA

SUMMARY OF EARTHWORK												
Station	Station	Uncl. Excav.	Unsuit. Excav.	Embank. + %	Borrow	Waste						
12+00 BRIDGE	16+44.40	1,836	1,374	1,070	608	1,374						
18+10.60	28+00	2,244	1,164	12,227	11,147	1,164						
		4,080	2,538	13,297	11,/55	2,538						
		-150			150							
JECT TOTAL	_S:	3,930	2,538	13,297	11,905	2,538						
					FOF							
					595							
AND TOTAL	S:	3,930			12,500	2,538						
SAY:		4,400			13,000	2,600						
	Station 12+00 BRIDGE 18+10.60 JECT TOTAL TON IN UNCERING & GREET TOTAL EPLACE TOTAL RROW PITS AND TOTAL	Station Station 12+00 16+44.40 BRIDGE 18+10.60 28+00 JECT TOTALS: ION IN UNCL. EXC. RING & GRUBBING JECT TOTALS: EPLACE TOPSOIL ON RROW PITS AND TOTALS:	Station Station Uncl. Excav. 12+00 16+44.40 1,836 BRIDGE 28+00 2,244 JECT TOTALS: 4,080 TION IN UNCL. EXC. RING & GRUBBING -150 JECT TOTALS: 3,930 EPLACE TOPSOIL ON RROW PITS 3,930 AND TOTALS: 3,930	Station Station Uncl. Excav. Unsuit. Excav. 12+00 16+44.40 1,836 1,374 BRIDGE 18+10.60 28+00 2,244 1,164 JECT TOTALS: 4,080 2,538 ION IN UNCL. EXC. RING & GRUBBING -150 JECT TOTALS: 3,930 2,538 EPLACE TOPSOIL ON RROW PITS 3,930 2,538 AND TOTALS: 3,930	Station Station Uncl. Excav. Embank. Excav. Excav. Incomplex E	Station Station Uncl. Excav. Unsuit. Excav. Embank. + % Borrow 12+00 16+44.40 1,836 1,374 1,070 608 BRIDGE 18+10.60 28+00 2,244 1,164 12,227 11,147 JECT TOTALS: 4,080 2,538 13,297 11,755 ION IN UNCL. EXC. RRING & GRUBBING -150 150 JECT TOTALS: 3,930 2,538 13,297 11,905 EPLACE TOPSOIL ON 595 AND TOTALS: 3,930 12,500						

DDE = 662 cu.yd. Pavement Structure Volume = 490 cu.yd.

Token Undercut Per Geotech = 350 cu. yd

	EXISTIN AVEME			1					
LINE	STATION	STATION	N LT/RT ARE						
-L-	12+17	16+54	LT	603					
-L-	18+17	24+74	LT	992					
			TOTAL:	1,595					
,			SAY:	1,700					

NOTE: APPROXIMATE QUANTITIES ONLY. UNCLASSIFIED EXCAVATION, FINE GRADING, CLEARING & GRUBBING, AND REMOVAL OF EXISTING PAVEMENT WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE FOR "GRADING".

"N" = DISTANCE FROM EDGE OF LANE TO FACE OF GUARDRAIL

TOTAL SHOULDER WIDTH = DISTANCE FROM EDGE OF TRAVEL LANE TO SHOULDER BREAK POINT.

FLARE LENGTH = DISTANCE FROM LAST SECTION OF PARALLEL GUARDRAIL TO END OF GUARDRAIL.

W = TOTAL WIDTH OF FLARE FROM BEGINNING OF TAPER TO END OF GUARDRAIL.

G = GATING IMPACT ATTENUATOR TYPE 350

NG = NON-GATING IMPACT ATTENUATOR TYPE 350

GUARDRAIL SUMMARY

LINE B				LENGTH			WARRANT POINT			TOTAL	FLARE LENGTH V			V				ICHORS				TTEN.	REMOVE	
	BEG. STA.	END STA.	LOC.	STRAIGHT	SHOP CURVED	DOUBLE FACED	APPR. END	TRAIL. END	FROM E.O.L.	BERM WIDTH	APPR. END	TRAIL. END			CAT-1		GRAU 350	M-350	AT-1	B-77	FAI	350	EXISTING GUARDRAIL	REMARKS
L-	11+50	12+00	RT	50				BARRIER	9.4'		50'		1'				1							(
L-	12+01.21	16+19.96	LT	418.75				BRIDGE	8'			50'		1'		1 1							149	
L-	14+94.96	16+19.96	RT	125			BRIDGE		8'							1				1			148	
L-	18+40.77	20+47.02	LT	206.25			BRIDGE		8'		50'		1'			1	1 1							<u> </u>
L-	18+40.77	22+47.02	RT	406.25				BRIDGE	8,		1	50'		1'		1	1 1							
																								1
						,																		
																							·	(
			SUBTOTAL													4	4			1				
			EDUCTIONS																					
			4 @ 18.75' EA						1	<u> </u>														
			0 - 4 @ 50' EA				ADDITIONAL	L GUARDRAIL	POSTS = 5 E	EA														
		B-77 -	1 @ 18.75' EA	: 18.75														·····						
		GRA	ND TOTALS	912.50						_			ļ			4	4			1			297	TOTAL GUARDRAIL REMOVAL
			C A 37	050.00							-													
			SAY	950.00												<u> </u>		***************************************	<u> </u>					
																	<u> </u>							<i></i>
							 										 							